

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102120\
 Data File : VW016957.D
 Acq On : 21 Oct 2020 15:10
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

Quant Time: Oct 21 22:58:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 22:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	475638	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429670	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205659	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80031	17.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.24%
7) Chloroethane-d5	2.89	69	73100	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
10) 1,1-Dichloroethene-d2	4.03	63	135862	13.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.56%
20) 2-Butanone-d5	7.09	46	59525	56.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.02%
24) Chloroform-d	7.65	84	228247	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.31	65	113219	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.44%
29) Benzene-d6	8.27	84	435764	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	9.28	67	129988	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.16%
37) Toluene-d8	10.33	98	400713	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.04%
38) trans-1,3-Dichloropropene-	10.58	79	50761	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.80%
39) 2-Hexanone-d5	10.93	63	48275	59.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121583	28.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	163149	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds

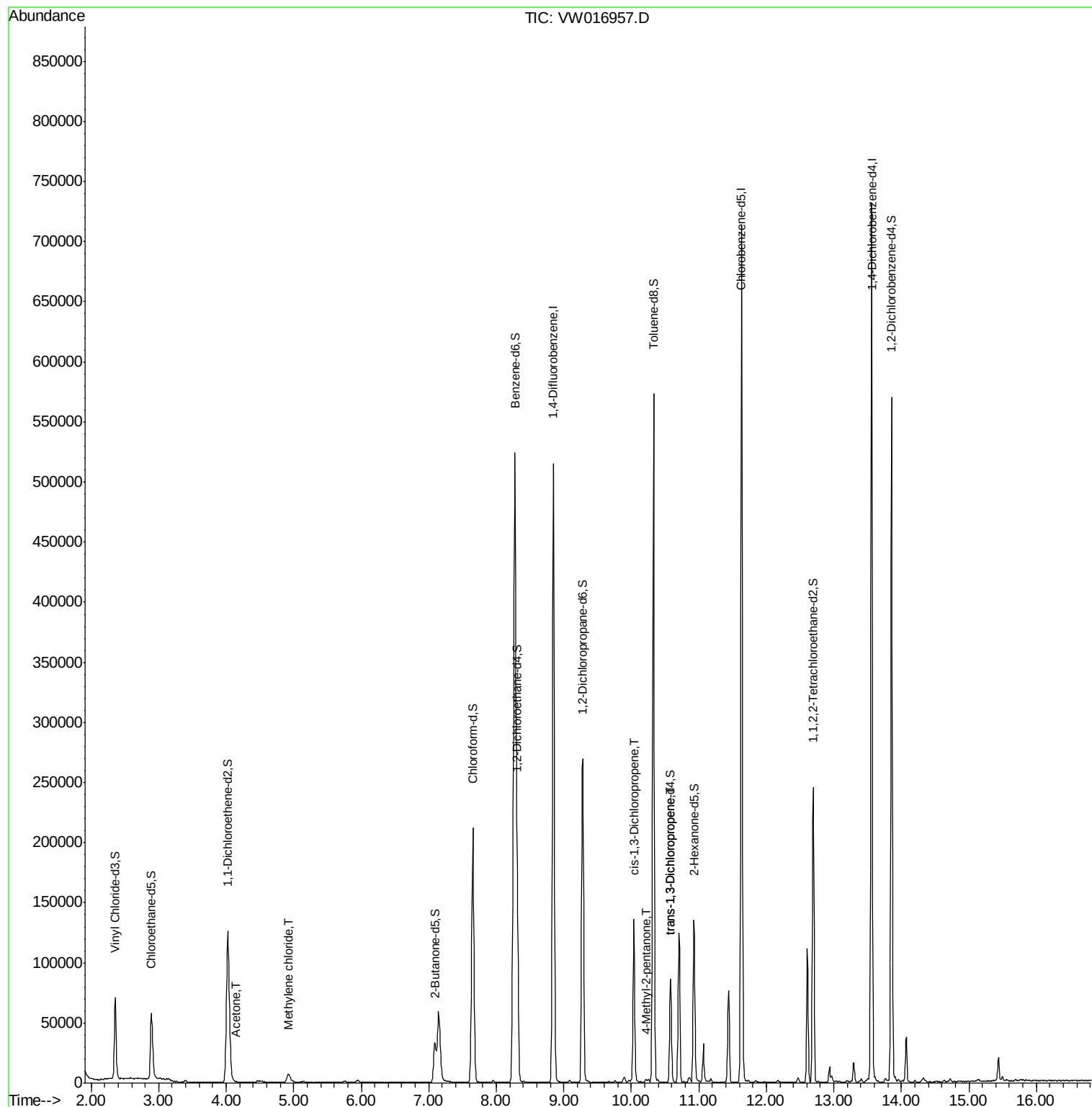
					Ovalue
13) Acetone	4.15	43	465	0.578 ug/L	85
16) Methylene chloride	4.92	84	6299	0.960 ug/L	87
42) cis-1,3-Dichloropropene	10.04	75	3727	0.448 ug/L	86
43) 4-Methyl-2-pentanone	10.22	43	1997	0.760 ug/L	89
45) trans-1,3-Dichloropropene	10.58	75	2458	0.351 ug/L	86

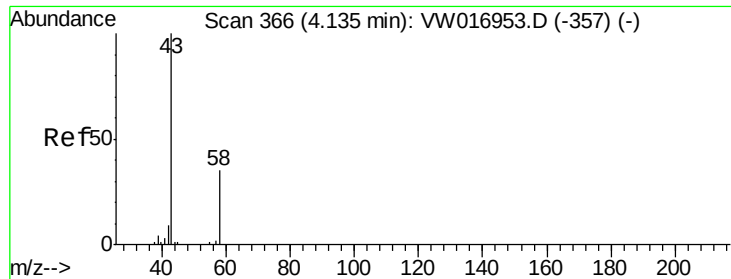
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 22:50:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.578 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016957.D

Acq: 21 Oct 2020 15:10

Instrument :

MSVOA_W

ClientSampleId :

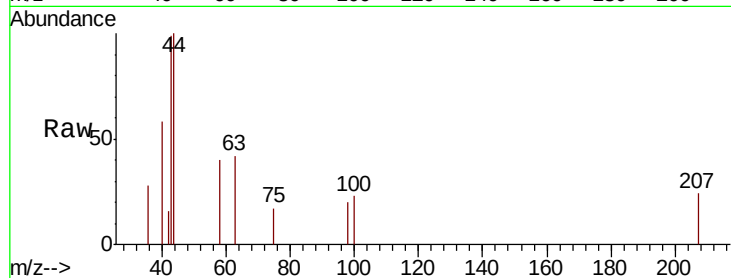
VIBLK21

Tot Ion: 43 Resp: 465

Ion Ratio Lower Upper

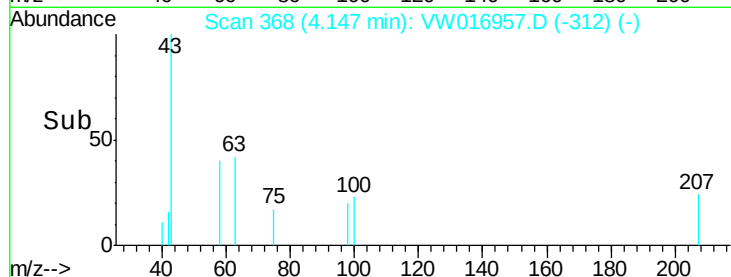
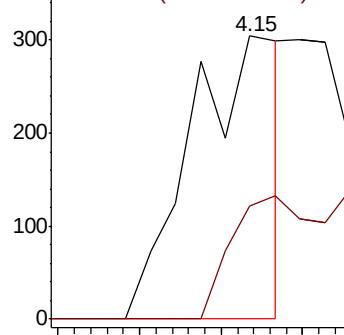
43 100

58 42.4 0.0 67.6

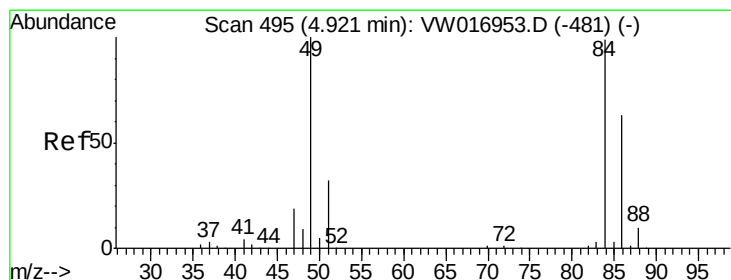


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 0.960 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016957.D

Acq: 21 Oct 2020 15:10

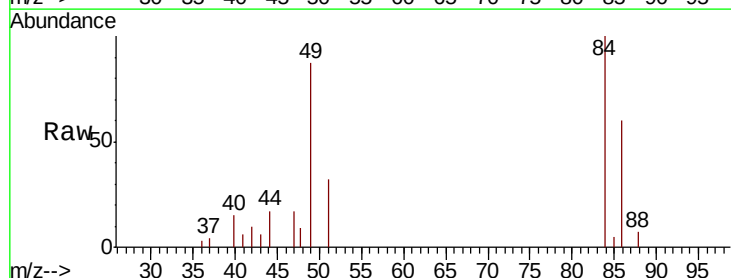
Tgt Ion: 84 Resp: 6299

Ion Ratio Lower Upper

84 100

49 86.7 73.1 135.8

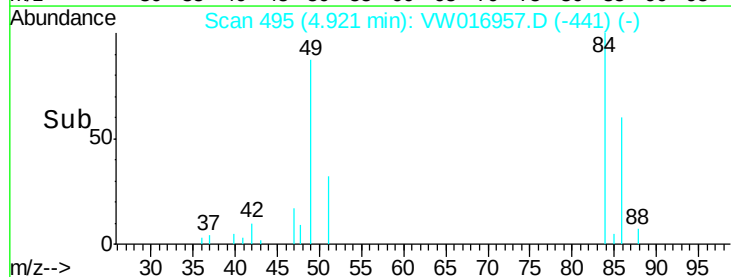
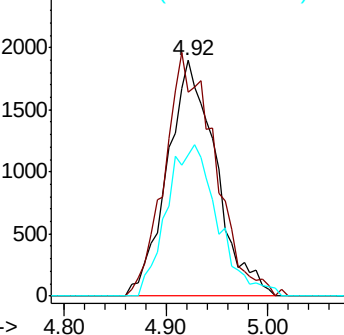
86 60.1 46.0 85.4



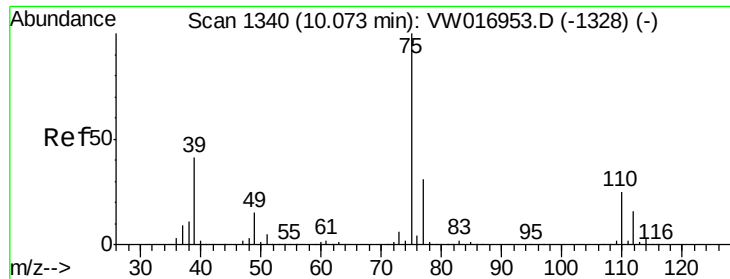
Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.448 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016957.D

Acq: 21 Oct 2020 15:10

Instrument :

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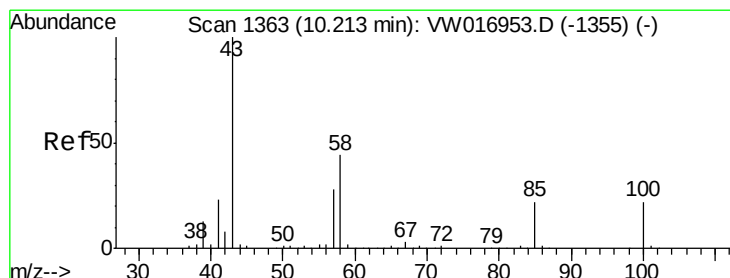
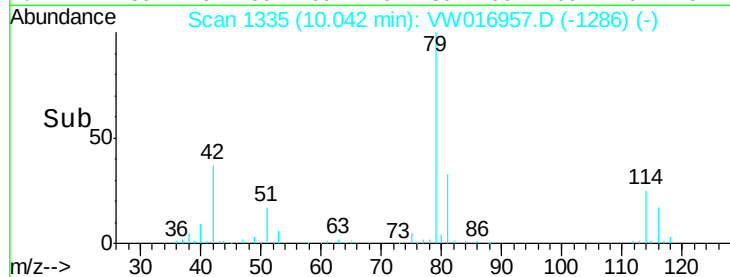
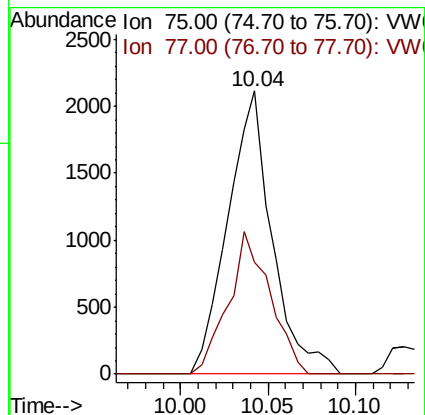
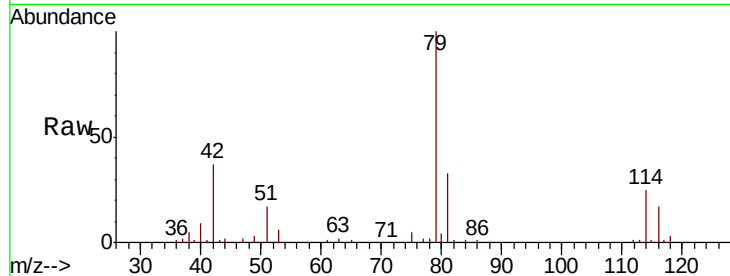
VIBLK21

Tot Ion: 75 Resp: 3727

Ion Ratio Lower Upper

75 100

77 39.4 22.1 41.1



#43

4-Methyl-2-pentanone

Concen: 0.760 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW016957.D

Acq: 21 Oct 2020 15:10

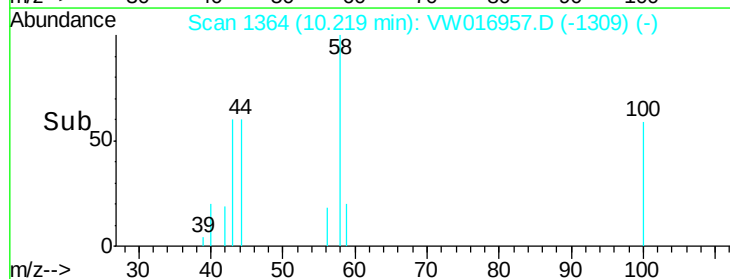
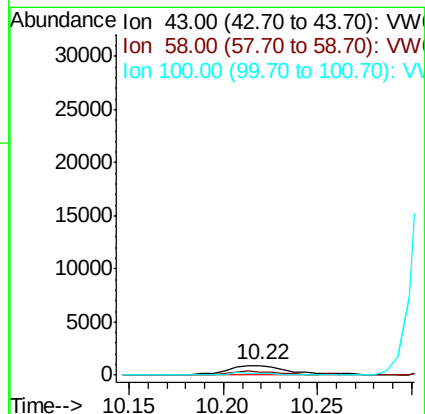
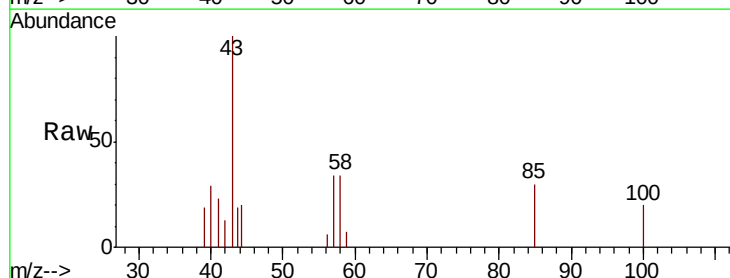
Tgt Ion: 43 Resp: 1997

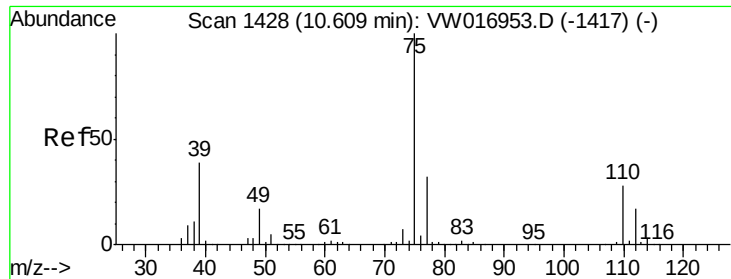
Ion Ratio Lower Upper

43 100

58 35.7 34.7 52.1

100 17.2 16.9 25.3





#45

trans-1,3-Dichloropropene

Concen: 0.351 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016957.D

Acq: 21 Oct 2020 15:10

Instrument :

MSVOA_W

ClientSampleId :

VIBLK21

Tot Ion: 75 Resp: 2458

Ion Ratio Lower Upper

75 100

77 39.3 22.2 41.2

